

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.867	998.308	1) Gujrat	0.751	5.465
2) Hydro	9.008	73.920	2) Madhya Pradesh	14.718	108.891
3) Gas	9.463	78.289	3) Chattisgarh	6.160	46.620
Total MSPGCL	135.338	1150.517	4) Maharashtra Net	108.025	807.984
B) 1) APML	53.050	416.033	5) Goa (Amona)	-0.836	-6.820
2) JSWEL	18.707	143.223	Total	128.818	962.140
3) VIPL	12.114	96.898	a) Mumbai Schedule	30.310	170.950
4) RPL(AMT)	16.431	71.438	b) Mumbai Drawl	29.732	189.069
5) WPCL	4.348	31.796	c) MSEDCL Bilateral *	13.243	122.454
6) PGPL	0.000	0.000	Include PX	-4.260	-14.663
7) Other IPP	12.060	99.911	d) Mumbai Bilateral *	30.310	169.645
C) 1) TPCL Thermal	0.000	38.638	Include PX	8.831	25.764
2) TPCL Hydro	6.648	41.708	Include Standby	0.000	1.305
3) TPCL Gas	3.714	31.174	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.077	69.490	1) MSEDCL	359.037	2836.857
D) STATE			2) Mumbai Discoms	46.171	370.083
1) Thermal	239.654	1965.735	TOTAL STATE	405.208	3206.940
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	15.656	115.628			
3) Gas (A3+B6+C3)	13.177	109.463			
4) Wind	4.815	29.781			
6) SOLAR	3.088	24.189			
TOTAL STATE	276.390	2244.796			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5367	5352	4965	4404
MSPGCL Hydro	823	650	296	123
MSPGCL Gas	390	390	401	407
MSPGCL Total Generation	6580	6392	5662	4934
Central Sector Receipt	6290	6291	5927	3876
WIND	272	228	266	79
CPP / IPP Thermal	5601	5530	4675	4186
CPP / IPP Gas	0	0	0	0
SOLAR	473	490	0	0
Exchange with Mumbai	-1534	-1515	-1512	-844
MSEDCL DEMAND MET	17682	17416	15018	12231
Load Shedding	0	0	0	0
MSEDCL DEMAND	17682	17416	15018	12231
TPCL GENERATION	628	611	566	130
R-INFRA GENERATION	250	253	253	254
MUMBAI DEMAND	2412	2379	2331	1228
STATE DEMAND MET	20094	19795	17349	13459
STATE DEMAND	20094	19795	17349	13459
Frequency (Hz)	49.94	49.93	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.76 Hz at 12.16 Hrs	49.98	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 08/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	10.30	94.06	510	360
Unit 9	10.35	49.59	501	310
Unit 10	10.02	86.43	500	334
Total	30.67	253.48		
Bhusawal				
Unit 3	0.08	20.83	55	0
Unit 4	9.66	78.04	480	345
Unit 5	9.98	78.60	500	350
Total	19.72	177.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.84	33.30	240	182
Unit 7	0.00	0.00	0	0
Unit 8	0.00	20.17	0	0
Total	4.84	53.47		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.08	80.23	470	350
Unit 6	0.00	22.82	0	0
Unit 7	10.03	78.94	460	358
Unit 8	0.00	0.00	0	0
Unit 9	9.81	77.92	465	345
Total	29.92	259.91		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.26	42.77	250	187
Total	5.26	42.77		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	4.08	31.89	185	160
Unit 3	0.00	0.00	0	0
Unit 4	3.98	31.63	177	160
Unit 5	10.16	80.70	500	355
Total	18.21	150.05		
Nasik				
Unit 3	4.12	5.50	195	160
Unit 4	4.13	33.59	192	162
Unit 5	0.00	22.07	0	0
Total	8.24	61.15		
Uran				
All Units	9.46	78.29	407	375
Total	9.46	78.29		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.05	2.09	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.09		
Koyna				
Stage 1-2	1.68	19.80	250	40
Stage 4	1.11	11.63	220	0
Stage 3	1.30	7.48	160	0
Total	4.10	38.92		
Hydro				
KDPH	0.88	5.34	37	36
VTRNA	0.94	6.90	61	0
TILLARI	0.44	3.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	2.15	80	0
RNGR+BHTSA	0.36	2.94	15	15
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.70	5.99	37	26
GHATGHAR	1.23	8.04	125	0
Total	4.91	35.00		
Wind				
Total	4.82	29.78	0	0
Total	4.82	29.78		
CPP				
APML(Mus)	53.05	416.03	0	0
JSWEL(Mus)	18.71	143.22	0	0
VIPL(Mus)	12.11	96.90	0	0
RPLAMT(Mus)	16.43	71.44	0	0
WPCL(Mus)	4.35	31.80	0	0
Other(Mus)	12.06	99.91	0	0
Total	116.71	859.30		
SOLAR				
Total	3.09	24.19	0	0
Total	3.09	24.19		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	19.29	110	76
Trombay 7B	1.44	11.88	65	54
Trombay 8	0.00	21.95	0	0
TATA Hydro	6.65	41.71	453	66
Total	10.36	111.52		
R-INFRA				
DTPS U-1&2	6.08	69.49	254	250
Total	6.08	69.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.87	998.31	MSPGCL Total	135.34	1150.52
			MSPGCL Thml+Gas	126.33	1076.60	Koyna 1,2 & 4 Total	2.79	31.44
			MSPGCL Hydro	9.01	73.92	State Total	276.39	2244.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Jan/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4380	123	403	4906	66	4198	0	0	4126	4176	-1006	12340	0	12340	1395	13735	50.03
2	4430	123	384	4937	98	4174	0	0	4036	3887	-899	12197	0	12197	1282	13479	50.00
3	4404	123	407	4934	79	4186	0	0	4008	3876	-844	12231	0	12231	1228	13459	50.01
4	4413	119	406	4938	81	4173	0	0	4044	3918	-814	12296	0	12296	1198	13494	50.01
5	4445	124	386	4955	89	4195	0	0	4877	4298	-766	12771	0	12771	1222	13993	50.04
6	4601	124	407	5132	113	4246	0	0	5256	5499	-891	14099	0	14099	1364	15463	50.01
7	5088	312	404	5804	163	4775	0	0	5694	6142	-1052	15832	0	15832	1599	17431	50.00
8	5230	672	385	6287	173	5476	0	34	5684	6049	-1002	17017	0	17017	1785	18802	49.95
9	5224	941	406	6571	158	5565	0	146	5767	5875	-1201	17114	0	17114	2040	19154	49.97
10	5241	830	392	6463	154	5592	0	285	5952	6006	-1421	17079	0	17079	2264	19343	49.92
11	5342	802	400	6544	182	5612	0	390	6125	6069	-1552	17245	0	17245	2395	19640	49.95
12	5367	823	390	6580	272	5601	0	473	6167	6290	-1534	17682	0	17682	2412	20094	49.94
13	5352	650	390	6392	228	5530	0	490	6189	6291	-1515	17416	0	17416	2379	19795	49.93
14	5234	488	400	6122	193	5522	0	448	6027	6109	-1426	16968	0	16968	2264	19232	50.05
15	5252	491	391	6134	150	5536	0	387	6015	6229	-1412	17024	0	17024	2264	19288	49.97
16	5310	485	389	6184	102	5553	0	280	6020	6066	-1393	16792	0	16792	2255	19047	49.93
17	5337	311	401	6049	71	5554	0	134	5954	5791	-1397	16202	0	16202	2266	18468	49.98
18	5101	155	391	5647	119	5139	0	20	5785	5713	-1432	15206	0	15206	2270	17476	50.00
19	4965	296	401	5662	266	4675	0	0	5726	5927	-1512	15018	0	15018	2331	17349	50.00
20	4821	268	390	5479	350	4519	0	0	5809	5569	-1477	14440	0	14440	2304	16744	49.98
21	4528	207	390	5125	410	4379	0	0	5286	5279	-1379	13814	0	13814	2162	15976	50.00
22	4268	184	391	4843	432	4181	0	0	4649	4917	-1303	13070	0	13070	2003	15073	50.03
23	4267	179	384	4830	453	4169	0	0	4359	4604	-1327	12729	0	12729	1838	14567	49.98
24	4267	178	375	4820	413	4160	0	0	4123	4238	-1177	12454	0	12454	1651	14105	49.95
MUs	116.87	9.01	9.46	135.34	4.81	116.71	0.00	3.09	127.68	128.82	-29.73	359.04	0.00	359.04	46.17	405.21	49.98

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 08/Jan/2018

Position as on 6.30 Hrs of 09/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55	09/01/2018	03.29	bunkering problem, Water shortage	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Jan/2018

Position as on 6.30 Hrs of 09/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	04/01/2018	19.38		Continued.	due to vibration.	
TPC_G	Trombay 8	250	05/01/2018	05.52		Continued.	Turbine bearing temperature high.	
MSPGCL	Bhusawal Unit 3	210	05/01/2018	22.45	08/01/2018	22.03	Coal Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Parli Unit 8	250	06/01/2018	07.07		Continued.	Coal bunkering problem	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 4	500	09/01/2018	01.08		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 09/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	07/01/2018	17.08	08/01/2018	08.17	HT	Over Voltage
Chandrapur Bhadravati III	InterState	08/01/2018	09.44	08/01/2018	14.08	PO	Line Maintenance work
Dhule Sar'Sarovar I	InterState	08/01/2018	17.19		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/01/2018	17.34	08/01/2018	06.33	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/01/2018	17.47	08/01/2018	10.40	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/01/2018	20.17	08/01/2018	06.31	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	08/01/2018	09.09		Continued.	PO	Testing Work
Ektuni-Bableshtar ckt II	IntraState	08/01/2018	12.41		Continued.	PO	Work At BBSLR End.
Bhusawal-Aurangabad	IntraState	08/01/2018	17.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/01/2018	18.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2018	23.55		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	08/01/2018	09.29	08/01/2018	20.16	PO	Attending Oil Leakage
400/220kv 315 Mva ICT I @Karad	IntraState	08/01/2018	15.20	08/01/2018	20.32	EO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	08/01/2018	08.40		Continued.	PO	Conductor replacement work
Karad -Mudshingi Ckt- IV	IntraState	08/01/2018	10.00	08/01/2018	19.50	PO	Testing Work
Pophli Pedhmbe Line- 1	IntraState	08/01/2018	13.20	08/01/2018	14.30	PO	Testing Work
Pophli Pedhmbe Line- 2	IntraState	08/01/2018	14.45	08/01/2018	15.55	PO	Testing Work
Virur - Gadchiroli	IntraState	08/01/2018	21.35	08/01/2018	22.36	T	Bus Bar prot.operated, Line tripped at Gadchiroli end only
Kharghar - Nerul	IntraState	09/01/2018	06.27		Continued.	PO	Voltage Arrester Relay fixing work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	08/01/2018	10.24	08/01/2018	17.48	PO	Testing Work
220/132kv 200MVA ICT-I@ Tilawani	IntraState	08/01/2018	11.05	08/01/2018	12.23	PO	Routine Maintenance Work
220/132 Kv 100 Mva Vijai Ict 2 @Gadchiroli	IntraState	08/01/2018	21.35	08/01/2018	23.00	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Morshi-Warud	IntraState	08/01/2018	05.43	08/01/2018	05.52	T	Distance Protection

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage